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15 July 1957

MEMORANDUM FOR: Office of Logistics/Procurement Division/Contract Branch

SUBJECT : Request for Increase in Scope and Additional Funds  
under Task II of Contract ED-112

1. It is requested that your office take the necessary action to amend Task II under Contract ED-112 with [redacted] in the amount of \$17, 212.00 to cover the design, development, fabrication and testing of certain items for use in conjunction with the initiator being developed under Task II.

2. This additional work is to be performed in accordance with the contractor's proposal attached hereto. Originally \$18,690.50 was obligated for this task, the total amount obligated now becomes \$35,902.50. Charges for these additional funds are to be made against Allotment Number 8-2502-10.

3. It is anticipated at this time that all work under this task, including the additional work as stated above, will be accomplished by 28 December 1957, the present expiration date of Task II.



Chief

TSS/Engineering Division

## Attachments:

Contr'r Proposal Dtd 10 July 57  
TSS-913-27-1311-58

APPROVED FOR THE OBLIGATION OF FUNDS:

Research Director

ED/P/TSS/ED/MT

## Distribution:

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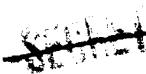
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This proposal is for additional work to be performed under Task II of Contract RD-112. We now propose to use our best efforts to design, develop, fabricate and qualification test auxiliary items for use with the explosives initiator being developed under Task II. These auxiliary items shall consist of the following:

a) Primacord End Cap

PETN or RDX loaded caps which will seal-off the cut ends and prevent loss of explosives from primacord.

b) Locking Nut

Metal or plastic nut which will fit over the primacord end cap to fasten it into the explosives initiator, the union and the "tee-connector" described below, and into other explosive devices.

c) Union

A threaded metal or plastic tube to permit quick joining of two end-capped lengths of primacord.

d) Tee-Connector

A metal or plastic fitting to permit joining an end-capped piece of primacord to another uncut length of primacord.

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All the above components will be designed and tested for reliability under the same conditions described for the explosives initiator. Tests will be performed with the best available grade of primacord, scuff resistant, 0.2" O.D. Sufficient tests will be performed to insure reliability of the devices.

In addition to the items fabricated and expended in development and qualification tests, the following quantities will be delivered to the Contracting Officer during the contract period:

200 Unions (including 400 each End Caps and Locking Nuts)  
200 Tee-Connectors (including 200 each End Caps and Locking Nuts)  
200 End Caps { For joining primacord to explosives  
200 Locking Nuts } initiator and items to be exploded.

Progress and funds status will be reported in the monthly letter reports under the original contract. The final report, submitted in triplicate, will contain reproducible drawings of the auxiliary items, a summary of test results, and complete instructions for using the devices.

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COST BREAKDOWN

It is estimated that the cost of the work described will be as follows:

Labor				25X1
Engineering	320 hrs			
Design	130 hrs			
Shop	650 hrs			
Overhead				25X1
Materials				
Explosives				
Inert				
Test Facility Rental				
Travel				25X1
General and Administrative				25X1
Fee				25X1
Total			<u>17,212.00</u>	